

CONTENTS

| | |
|--|---|
| Configuration 1 | 2 |
| Merchant has an Apple ID and processes Apple wallet at his end & sends the Apple data to Telr..... | 2 |
| Apple developer account configuration | 2 |
| Processing Apple pay in Web or in IOS app | 2 |
| Configuration 2 | 5 |
| Merchant DOES NOT have an Apple ID and wants to enable Apple Pay as payment option..... | 5 |
| Apple developer account configuration | 5 |
| Processing Apple pay in Web or in IOS app | 5 |
| Apple pay in Telr Invoice | 6 |
| Merchant DOES NOT have an Apple ID and wants to enable Apple Pay as payment option in invoice payment collection | 7 |
| Apple developer account configuration | 7 |
| Invoice creation | 7 |
| Notes | 7 |

CONFIGURATION 1

MERCHANT HAS AN APPLE ID AND PROCESSES APPLE WALLET AT HIS END & SENDS THE APPLE DATA TO TELR.

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Verify your merchant domain name, where will the merchant be using Apple Pay, in Apple developer account.
2. Create a Merchant ID (e.g. merchant.com.telr.applepay) with Apple developer account.
3. Get Merchant (Payment processing) certificate from Apple developer account.
4. Get Merchant (session) certificate from Apple developer account.
5. Share #3 apple pay token processing certificate (file with extension *.cer) and key (file with extension *.p12) along with password if any, with Telr to update at Telr side.

PROCESSING APPLE PAY IN WEB OR IN IOS APP

1. Create a Payment request with following parameters.

Currency code, country code, amount, supportedNetworks and merchantCapabilities

2. With payment request create an Apple Pay session.
3. Validate the merchant ID for the Apple Pay session.
4. Complete the payment method selection operation.
5. On successful “payment authorized” operation a token with payment data will be received. Sample Apple token variables are as below.

paymentData:: **version:**EC_v1, **data:**3O...w=, **signature:**MI...YX.header::
ephemeralPublicKey:MF...A==,
publicKeyHash:TM...8=,**transactionId:**c5...3f.**paymentMethod::**
display Name:Visa 0492, **network:**Visa,**type:**debit,**transactionIdentifier:**C5..93F.

Above variables to be POST to Telr with other data to Telr’s URL “<https://secure.telr.com/gateway/remote.json>”. All required data to be sent to Telr URL

are as follows. Set POST content type “application/x-www-form-urlencoded ” and do URL encode for Apple Pay data applepay_enc_paydata, applepay_enc_paysig and applepay_enc_pubkey

(Bold parameter should be sent same)

Request Parameter

| Field | Value | Description |
|--------------|---------------------------------------|--|
| ivp_method | applepay | Set value as 'applepay' |
| ivp_store | 15164 | Your store ID |
| ivp_authkey | cxkwshbs68ejbh | V2 Settings authentication Key |
| ivp_amount | 10 | Transaction amount |
| ivp_currency | AED | Currency the transaction is in |
| ivp_test | 0 | Test mode indicator |
| ivp_desc | Description | Purchase description |
| return_auth | return url for authorised transaction | return url for authorised transaction |
| return_decl | return url upon declined | return url for declined transaction |
| return_can | return url upon cancelled | return url for cancelled transaction |
| bill_fname | FirstName | The customer’s forename, plus any other middle names or initials they may have. |
| bill_sname | Lastname | Customer surname (also known as family name) |
| bill_addr1 | Address | Customer address |
| bill_city | city | city |
| bill_region | Region | Region |
| bill_country | Country | Country |
| bill_zip | 123456 | Zip code |
| bill_email | email@address.com | Email address |
| ivp_lang | en | Payment Page interface language |
| ivp_cart | CartID | Your reference for the transaction. For example, this could be a cart ID or order ID generated by your shopping system. This must be unique for each request. Maximum length is 63 characters. |

| | | |
|----------------------|--------------------------|--|
| ivp_trantype | Sale/Auth/Capture/Verify | Purchase, Authorize/Capture or Verify.To be set as per the terminal configuration. |
| ivp_tranclass | ecom | Set 'ecom' |
| delv_addr1 | Bill address | Bill address |
| delv_addr2 | Address 2 | Address 2 |
| delv_addr3 | Address 3 | Address 3 |
| delv_city | City | City |
| delv_region | Region | Region |
| delv_country | Country | Country |
| applepay_enc_version | version | From Apple Pay token get "version" |
| applepay_enc_paydata | data | From Apple Pay token get "data" |
| applepay_enc_paysig | signature | From Apple Pay token get "signature" |
| applepay_enc_pubkey | ephemeralPublicKey | From Apple Pay token get "ephemeralPublicKey" |
| applepay_enc_keyhash | publicKeyHash | From Apple Pay token get "publicKeyHash" |
| applepay_tran_id | transactionId | From Apple Pay token get "transactionId" |
| applepay_card_desc | type | From Apple Pay token get "type" |
| applepay_card_scheme | displayName | From Apple Pay token get "displayName" |
| applepay_card_type | network | From Apple Pay token get "network" |
| applepay_tran_id2 | transactionIdentifier | From Apple Pay token get "transactionIdentifier" |

6. With Above Request Telr gateway will process the transaction with Master card processor (MPGS).

TELr RESPONSE FORMAT IS AS BELOW

```

{"trace":"4001/5151/%ea6bba9",
"transaction":{"ref":"040024871559","type":"sale","class":"ECom","status":"D",
code":"31","message":"Not

```

```
authorised"},"customer":{"email":"abcf@gmail.com","name":{"forenames":"A
bcd"},"surname":"sff"},"address":{"line1:No
address"},"city":"Unknown","country":"AE"}}}
```

“status” can be as below, which is to be used to notify on Apple Pay screen about the status.

A: Authorised

D: Declined

C: Cancelled

CONFIGURATION 2

MERCHANT DOES NOT HAVE AN APPLE ID AND WANTS TO ENABLE APPLE PAY AS PAYMENT OPTION

This is required when merchant is using full page display of Telr payment page, where request contains **ivp_framed=0**(0 or not set)

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Telr will be using Telr Apple Pay ID and its respective key and certificate.

PROCESSING APPLE PAY IN WEB OR IN IOS APP

Create a Payment request and POST to following URL, this is same as current transaction processing which merchant is using.

<https://secure.telr.com/gateway/order.json>

Mandatory parameters to process Apple Pay are as below.

| Field | Value | Description |
|--------------|----------------|--------------------------------|
| ivp_method | create | Set value as ‘create’ |
| ivp_store | 15164 | Your store ID |
| ivp_authkey | cxkwshbs68ejbh | V2 Settings authentication Key |
| ivp_amount | 10 | Transaction amount |
| ivp_currency | AED | Currency the transaction is in |

| | | |
|--------------|---------------------------------------|--|
| ivp_test | 0 | Test mode indicator |
| ivp_desc | Description | Purchase description |
| return_auth | return url for authorised transaction | return url for authorised transaction |
| return_decl | return url upon declined | return url for declined transaction |
| return_can | return url upon cancelled | return url for cancelled transaction |
| bill_fname | FirstName | The customer's forename, plus any other middle names or initials they may have. |
| bill_sname | Lastname | Customer surname (also known as family name) |
| bill_addr1 | Address | Customer address |
| bill_city | city | city |
| bill_region | Region | Region |
| bill_country | Country | Country |
| bill_zip | 123456 | Zip code |
| bill_email | email@address.com | Email address |
| ivp_lang | en | Payment Page interface language |
| ivp_applepay | 0 or 1 | To enable Applepay set value as 1 and to disable set as 0. If this parameter is not sent then ApplePay will be enabled by default. |
| ivp_cart | CartID | Your reference for the transaction. For example, this could be a cart ID or order ID generated by your shopping system. This must be unique for each request. Maximum length is 63 characters. |

APPLE PAY IN TELR INVOICE

MERCHANT DOES NOT HAVE AN APPLE ID AND WANTS TO ENABLE APPLE PAY AS PAYMENT OPTION IN INVOICE PAYMENT COLLECTION.

APPLE DEVELOPER ACCOUNT CONFIGURATION

1. Telr will be using Telr Apple Pay ID and its respective key and certificate.

INVOICE CREATION

While generating new invoice mandatory field to be provided at dash board is illustrated as below.

| Action | Description | Amount |
|---|-----------------------|---------------|
| <input checked="" type="checkbox"/> Add | ApplePay Test Invoice | 123.00 |
| Total | | 123.00 |

Alternate payment amounts

You can supply alternate amounts for early or late payment of the invoice, for example to give a discount if paid early, or to apply a charge if paid late.

Early payment: if paid before --Day-- --Month-- --Year--

Late payment: if paid after --Day-- --Month-- --Year--

Link Agreement(Optional)

Agreement would be linked whenever invoice is paid.

Send invoice

| | | | |
|---------------------|------------------------------|--------------------------|-----------------------|
| Send to: | Title: Mr. | Forenames: YourFirstName | Surname: YourLastName |
| Address line 1: | Mandatory to provide Address | | |
| Address line 2: | <input type="text"/> | | |
| Address line 3: | <input type="text"/> | | |
| City/Suburb: | Dubai | | |
| Region/State: | Dubai | | |
| Country: | United Arab Emirates | | |
| Post/Area code: | 123456 | | |
| * Email address: | youremail@domain.com | | |
| Email address (CC): | <input type="text"/> | | |
| Email address (CC): | <input type="text"/> | | |

Please provide as much information as you can.

The details supplied here will be shown at the top of the invoice, and will be used to pre-fill the relevant fields on the payment page. The more details you supply, the easier and quicker it will be for the customer to complete their payment.

NOTES

Telr iframe payment page is the one of the methods of integration, where merchant uses their web page as parent frame and displays Telr Payment page in iframe within their page. Apple Pay on the Web does not support Telr iframe payment pages.